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Term: L9 same solution

Display: 20 Documents in Display Format: CIT Starting with Number 1

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DATE: Monday, June 11, 2007 **Purge Queries** Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L10	L9 same solution	13	L10
L9	((THC or tetrahydrocannabinol or dronabinol or marinol) same (HFA or HFC or hydrofluoro$8))	80	L9
DB=PGPB,USPT; PLUR=YES; OP=OR			
L8	L7 and ((THC or tetrahydrocannabinol or dronabinol or marinol) same (HFA or HFC or hydrofluoro$8))	6	L8
L7	424/45.ccls.	2206	L7
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L6	(((Billy.adj R) near2 Martin) AND @pd>20051216) AND @pd>20061229	3	L6
DB=PGPB,USPT; PLUR=YES; OP=OR			
L5	(((Aron adj H) near Lichtman) AND @pd>20060605) AND @pd>20061229	1	L5
L4	(((Peter adj R) near Byron) AND @pd>20060605) AND @pd>20061229	5	L4
L3	((Joanne near Peart) AND @pd>20060605) AND @pd>20061229	0	L3
DB=USPT; PLUR=YES; OP=OR			
L2	6563009.pn.	1	L2
L1	7179800.pn.	1	L1

END OF SEARCH HISTORY

PALM INTRANET

Day : Monday
Date: 6/11/2007
Time: 00:28:52

Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.
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Last Name	**First Name**	
Peart	Joanne	Search

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Day : Monday
Date: 6/11/2007
Time: 01:12:21

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Additionally, enter the **first few letters** of the Inventor's First name.

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Byron	Peter	Search

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Last Name	First Name	
Lichtman	Aron	Search

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Last Name	First Name	
Martin	Billy	Search

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(FILE 'HOME' ENTERED AT 11:25:59 ON 11 JUN 2007)

FILE 'CAPLUS, MEDLINE, USPATFULL' ENTERED AT 11:26:53 ON 11 JUN 2007

L1	19210	S (THC OR TETRAHYDROCANNABINOL OR MARINOL OR DRONABINOL)
L2	568	S L1 (S) SOLUTION
L3	10	S L2 (S) (HFA OR HFC OR HYDROFLUORO9)
L4	3	S L3 (S) AEROSOL
L5	3	DUPLICATE REMOVE L4 (0 DUPLICATES REMOVED)
L6	7	S L3 NOT L5

L5 ANSWER 1 OF 3 USPATFULL on STN

TI Delta9 tetrahydrocannabinol (delta9 THC) solution metered dose inhalers and methods of use

AB The present invention provides therapeutic formulations for solutions of Δ.sup.9-tetrahydrocannabinol (Δ.sup.9 THC) to be delivered by metered dose inhalers. The formulations, which use non-CFC propellants, provide a stable aerosol-deliverable source of Δ.sup.9 THC for the treatment of various medical conditions, such as: nausea and vomiting associated with chemotherapy-muscle spasticity; pain; anorexia associated with AIDS wasting syndrome, epilepsy; glaucoma; bronchial asthma; and mood disorders.

ACCESSION NUMBER: 2004:326803 USPATFULL

TITLE: Delta9 tetrahydrocannabinol (delta9 THC) solution metered dose inhalers and methods of use

INVENTOR(S): Peart, Joanne, Richmond, VA, UNITED STATES
Byron, Peter R., Richmond, VA, UNITED STATES
Lichtman, Aron H., Richmond, VA, UNITED STATES
Martin, Billy R., Richmond, VA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004258622	A1	20041223
APPLICATION INFO.:	US 2004-759280	A1	20040120 (10)

RELATED APPLN. INFO.: Continuation of Ser. No. US 2001-944221, filed on 4 Sep 2001, GRANTED, Pat. No. US 6713048 Continuation-in-part of Ser. No. US 1999-273766, filed on 22 Mar 1999, GRANTED, Pat. No. US 6509005

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-105850P	19981027 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: WHITHAM, CURTIS & CHRISTOFFERSON, P.C., 11491 SUNSET HILLS ROAD, SUITE 340, RESTON, VA, 20190
NUMBER OF CLAIMS: 35
EXEMPLARY CLAIM: CLM-01-22
NUMBER OF DRAWINGS: 8 Drawing Page(s)
LINE COUNT: 1344
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 2 OF 3 USPATFULL on STN

TI Δ9 Tetrahydrocannabinol (Δ9 THC) solution metered dose inhaler

AB The present invention provides therapeutic formulations for solutions of Δ.sup.9-tetrahydrocannabinol (Δ.sup.9 THC) to be delivered by metered dose inhalers. The formulations, which utilize non-CFC propellants, provide a stable aerosol-deliverable source of Δ.sup.9 THC for the treatment of various medical conditions, such as: nausea and vomiting associated with chemotherapy; muscle spasticity; pain; anorexia associated with AIDS wasting syndrome; epilepsy; glaucoma; bronchial asthma; and mood disorders.

ACCESSION NUMBER: 2003:20014 USPATFULL

TITLE: Δ9 Tetrahydrocannabinol (Δ9 THC) solution metered dose inhaler

INVENTOR(S): Peart, Joanne, Richmond, VA, United States
Byron, Peter R., Richmond, VA, United States
Lichtman, Aron H., Richmond, VA, United States
Martin, Billy R., Richmond, VA, United States

PATENT ASSIGNEE(S): Virginia Commonwealth University, Richmond, VA, United States (U.S. corporation)

	NUMBER	KIND	DATE

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6509005	B1	20030121
APPLICATION INFO.:	US 1999-273766		19990322 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-105850P	19981027 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Jones, Dameron L.
ASSISTANT EXAMINER: Wells, Lauren Q.
LEGAL REPRESENTATIVE: Whitham, Curtis & Christofferson, P.C., Rafa, Michael J.
NUMBER OF CLAIMS: 12
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Figure(s); 1 Drawing Page(s)
LINE COUNT: 732
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 3 OF 3 USPATFULL on STN

TI Delta9 tetrahydrocannabinol (Delta9 THC) solution metered dose inhalers and methods of use

AB The present invention provides therapeutic formulations for solutions of Δ.sup.9-tetrahydrocannabinol (Δ.sup.9 THC) to be delivered by metered dose inhalers. The formulations, which use non-CFC propellants, provide a stable aerosol-deliverable source of Δ.sup.9 THC for the treatment of various medical conditions, such as: nausea and vomiting associated with chemotherapy--muscle spasticity; pain; anorexia associated with AIDS wasting syndrome, epilepsy; glaucoma; bronchial asthma; and mood disorders.

ACCESSION NUMBER: 2002:54321 USPATFULL
TITLE: Delta9 tetrahydrocannabinol (Delta9 THC) solution metered dose inhalers and methods of use
INVENTOR(S): Peart, Joanne, Richmond, VA, UNITED STATES
Byron, Peter R., Richmond, VA, UNITED STATES
Lichtman, Aron H., Richmond, VA, UNITED STATES
Martin, Billy R., Richmond, VA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002031480	A1	20020314
	US 6713048	B2	20040330
APPLICATION INFO.:	US 2001-944221	A1	20010904 (9)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1999-273766, filed on 22 Mar 1999, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-105850P	19981027 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: McGuire Woods, Tysons Corner, Suite 1800, 1750 Tysons Boulevard, McLean, VA, 22102-4215
NUMBER OF CLAIMS: 22
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 8 Drawing Page(s)
LINE COUNT: 1289
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN
TI Delta-9-tetrahydrocannabinol solution metered dose inhalers and methods of use
AB The present invention provides therapeutic formulations for solns. of Δ9-tetrahydrocannabinol (Δ9-THC) to be delivered by metered dose inhalers. The formulations, which use non-CFC propellants, provide a stable aerosol-deliverable source of Δ9-THC for the treatment of various medical conditions, such as: nausea and vomiting associated with chemotherapy-muscle spasticity; pain; anorexia associated with AIDS wasting syndrome, epilepsy; glaucoma; bronchial asthma; and mood disorders. A pressurized metered dose inhaler contained Δ9-THC 0.13, ethanol 5, and HFA 134a 95%. The blood levels of Δ9-THC following aerosol exposure 20, 40, or 60 mg delivered increased in a dose dependent fashion and were comparable to the blood levels produced by i.v. injection of 3 and 10 mg/kg Δ9-THC. Ethanol, propanol, propylene glycol, glycerol, and polyethylene glycol.

ACCESSION NUMBER: 2002:185600 CAPLUS
DOCUMENT NUMBER: 136:236866
TITLE: Delta-9-tetrahydrocannabinol solution metered dose inhalers and methods of use
INVENTOR(S): Peart, Joanne; Byron, Peter R.; Lichtman, Aron H.; Martin, Billy R.
PATENT ASSIGNEE(S): Virginia Commonwealth University, USA
SOURCE: U.S. Pat. Appl. Publ., 22 pp., Cont.-in-part of U.S. Ser. No. 273,766.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002031480	A1	20020314	US 2001-944221	20010904
US 6713048	B2	20040330		
US 6509005	B1	20030121	US 1999-273766	19990322
US 2004258622	A1	20041223	US 2004-759280	20040120

PRIORITY APPLN. INFO.:
US 1998-105850P P 19981027
US 1999-273766 A2 19990322
US 2001-944221 A1 20010904

L6 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN
TI Δ9-tetrahydrocannabinol solution metered dose inhalers and methods of use
AB The present invention provides therapeutic formulations for solns. of Δ9-tetrahydrocannabinol (Δ9-THC) to be delivered by metered dose inhalers. The formulations, which utilize non-CFC propellants, provide a stable aerosol-deliverable source of Δ9-THC for the treatment of various medical conditions, such as: nausea and vomiting associated with chemotherapy; muscle spasticity; pain; anorexia associated with AIDS wasting syndrome; epilepsy; glaucoma; bronchial asthma; and mood disorders. A composition was prepared containing Δ9-THC, ethanol, and HFA 134a propellant.

ACCESSION NUMBER: 2000:290799 CAPLUS
DOCUMENT NUMBER: 132:313709
TITLE: Δ9-tetrahydrocannabinol solution metered dose inhalers and methods of use
INVENTOR(S): Peart, Joanne; Byron, Peter; Lichtman, Aron; Martin, Billy
PATENT ASSIGNEE(S): Virginia Commonwealth University, USA
SOURCE: PCT Int. Appl., 25 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000024362	A2	20000504	WO 1999-US24486	19991020
WO 2000024362	A3	20000824		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6509005	B1	20030121	US 1999-273766	19990322
CA 2344637	A1	20000504	CA 1999-2344637	19991020
EP 1124551	A2	20010822	EP 1999-965726	19991020
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
BR 9915095	A	20020115	BR 1999-15095	19991020
JP 2002528399	T	20020903	JP 2000-577974	19991020
AU 764119	B2	20030807	AU 2000-21430	19991020
IN 2001KN00385	A	20050318	IN 2001-KN385	20010401
HK 1042846	A1	20060120	HK 2002-103979	20020528

PRIORITY APPLN. INFO.:	US 1998-105850P	P	19981027
	US 1999-273766	A	19990322
	WO 1999-US24486	W	19991020

L6 ANSWER 4 OF 7 USPATFULL on STN
TI Metered dose inhaler
AB A medicinal aerosol product comprising a pressurized metered dose inhaler, including a canister (1) equipped with a metering valve and containing a medicinal aerosol solution formulation, and an actuator (2) comprising a nozzle block (14) defining an actuator orifice (6) leading to an expansion chamber, wherein the formulation includes a cannabinoid, a hydrofluorocarbon propellant and an optional amount of an alcohol co-solvent, and the actuator orifice (6) has a diameter of about 0.30 mm or less, and/or is laser drilled.

ACCESSION NUMBER: 2005:72028 USPATFULL
TITLE: Metered dose inhaler
INVENTOR(S): Davies, Rebecca Jayne, Chippenham, UNITED KINGDOM
Ganderton, David, Chippenham, UNITED KINGDOM
Lewis, David, Chippenham, UNITED KINGDOM
Meakin, Brian, Chippenham, UNITED KINGDOM
PATENT ASSIGNEE(S): Vactura Limited (non-U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2005061314	A1	20050324	
APPLICATION INFO.:	US 2004-499288	A1	20041108	(10)
	WO 2002-GB5903		20021223	

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2001-130521	20011221
	WO 2002-EP14588	20021219

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: DAVIDSON, DAVIDSON & KAPPEL, LLC, 485 SEVENTH AVENUE, 14TH FLOOR, NEW YORK, NY, 10018
NUMBER OF CLAIMS: 26

EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 3 Drawing Page(s)
LINE COUNT: 717

L6 ANSWER 5 OF 7 USPATFULL on STN
TI Pharmaceutical compositions
AB The present invention relates to an improved mode of administration for cannabis and its natural and synthetic derivatives. A pharmaceutical composition suitable for sublingual aerosol or spray delivery of cannabis is provided. The formulation may be dispensed using a pump spray or the formulation may include a propellant, such as butane, 1,1,1,2-tetrafuorethane (HFC-134a) or 1,1,1,2,3,3,3-heptafluropropane (HFC-227). The term cannabis is used herein to refer to all physiologically active substances derived from the cannabis family of plants and synthetic cannabis analogues and derivatives, precursors, metabolites etc., or related substances having cannabis-like physiological effects.

ACCESSION NUMBER:	2003:271572 USPATFULL			
TITLE:	Pharmaceutical compositions			
INVENTOR(S):	Ross, Calvin, Wibech, UNITED KINGDOM			
	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2003191180	A1	20031009	
APPLICATION INFO.:	US 2003-221066	A1	20030506	(10)
	WO 2001-GB1027		20010309	
	NUMBER		DATE	
PRIORITY INFORMATION:	GB 2000-5718		20000309	
	GB 2001-1744		20010123	
	GB 2001-1743		20010123	
DOCUMENT TYPE:	Utility			
FILE SEGMENT:	APPLICATION			
LEGAL REPRESENTATIVE:	WOLF GREENFIELD & SACKS, PC, FEDERAL RESERVE PLAZA, 600 ATLANTIC AVENUE, BOSTON, MA, 02210-2211			
NUMBER OF CLAIMS:	35			
EXEMPLARY CLAIM:	1			
NUMBER OF DRAWINGS:	4 Drawing Page(s)			
LINE COUNT:	913			

CAS INDEXING IS AVAILABLE FOR THIS PATENT.